## **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:

Source:

Date Processed by STIC:

ENTERED



PCT

RAW SEQUENCE LISTING DATE: 04/13/2005
PATENT APPLICATION: US/10/530,340 TIME: 09:40:13

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\04132005\J530340.raw

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3 <110> APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
             REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND
     4
             HUMAN SERVICES
     5
             Tsai, Robert Y.L.
             McKay, Ronald D.G.
     9 <120> TITLE OF INVENTION: METHODS FOR CONTROLLING PROLIFERATION OF CELLS
     11 <130> FILE REFERENCE: 4239-66642
                                                                       (p5.6)
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/530,340
C--> 13 <141> CURRENT FILING DATE: 2005-04-01
     13 <150> PRIOR APPLICATION NUMBER: PCT/US03/31321
    14 <151> PRIOR FILING DATE: 2003-10-01
    16 <150> PRIOR APPLICATION NUMBER: 60/442,005
    17 <151> PRIOR FILING DATE: 2003-01-22
    19 <150> PRIOR APPLICATION NUMBER: 60/415,867
    20 <151> PRIOR FILING DATE: 2002-10-02
     22 <160> NUMBER OF SEQ ID NOS: 14
    24 <170> SOFTWARE: PatentIn version 3.2
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1020

## RAW SEQUENCE LISTING DATE: 04/13/2005 PATENT APPLICATION: US/10/530,340 TIME: 09:40:13

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RAW SEQUENCE LISTING DATE: 04/13/2005
PATENT APPLICATION: US/10/530,340 TIME: 09:40:13

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173 176	Arg	Ile	Cys	260 Ser	Val	Gly	Val			Gly	Leu	Thr		_	Met	Gln		
177		1707	275	T 011	7 ~~	T	Cl n	280	Thr	т1о	Tla	λαν	285	Dro	Cys	Dhe		
181	ше	290	PIO	neu	Asp	ьуѕ	295	TTE	IIII	TIE	116	300	ser	PIO	Cys	FILE		
184	Ile	Ile	Ser	Pro	Cys	Asn	Ser	Pro	Ala	Ala	Leu	Ala	Leu	Arg	Ser			
	305				_	310				_	315		_			320		
	Ala	Ser	Ile	Glu		Leu	Arg	Pro	Leu		Ala	Ala	Ser	Ala	Ile	Leu		
189		<b>~1</b>		3	325	<b>~</b> 1	<b>~</b> 1	11- 1	77-7	330	T	(The ease	mh m	17 7	335	C1		
		GIn	Ala	_	ser	Gin	GIN	vaı		ьeu	ьуѕ	Tyr	Inr	350	Pro	GIY		
193		Tara	7 cm	340	T 011	7 cm	Dho	Dho	345	Lare	T.011	Δla	Gln		Arg	Glv		
196		гуѕ	355	ser	ьeu	Asp	PHE	360	1111	пуъ	пец	AIA	365	Arg	Arg	GIY		
		His		Lvs	Glv	Glv	Ser		Asn	Val	Glu	Ser		Ala	Lys	Leu		
201		370	<b>V</b>	-1-	<b>-</b> 1	<b>U</b> -1	375					380						
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	385	-			-	390	_				395	_	_	_		400		
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213				420					425					430	_			
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217		_	435		<b>a1</b>	<b>.</b>	m1	440	<b>~1</b>	<b>T</b> 1.	T	<b>~</b> 1	445	T	7	T1.		
				ser	GIY	ьeu		Asn	GIY	ше	ьeu	460	GIU	ьуѕ	Asp	11e		
221		450		Cor	Dro	Larc	455	Thr	Glu	Acn	Gln		Δen	Glv	Δsn	Asp		
	465		GIU.		FIO	470	GIII	1111	Gru	АЗР	475	OIII	пър	O <sub>1</sub> y	Tipp	480		
					Thr		Glu	Lvs	Asn	Ala		Ile	Ser	Asp	Val			
229					485	1		-1-		490					495			
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233				500					505					510				
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237			515					520		_			525					
	_		_	Asp	Phe	Thr		Asp	Tyr	Ile								
241		530			_		535											
				D NO														
				H: 1	770													
			YPE:	ISM:	Mile	muc	culu	c										
				NCE:		แนธ	Curu	5										
			-			ga a	ccac	aqtt	c ca	atto	qcac	qta	qcqc	ccq	aqaa	gtcgtg	6	0
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DATE: 04/13/2005

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/530,340 TIME: 09:40:13

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319		T	la ===	T	5	<b>~1</b> ~	T	T	170 T	10	C1.,	ui a	ni c	7.~~		T 011		
	Lys A	rg 1	УĽ		тте	GIII	гаг	ьуѕ	va1 25	Arg	GIU	птъ	птѕ	30	гуѕ	Leu		
323	7 ~~ T		7.,	20	Tara	Tara	7.20	C1**		Tara	Lvc	Dro	λνα		Λcn	Pro		
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335		eu A	19	пуъ	GIII	70	шец	Giu	Giu	пец	75	QTII	GIII	GIII	пур	80		
	Asp A	ra G	11 m	Lare	Glu		Glu	Ara	Tare	Δrσ		T.e.11	Glu	Val	Ser			
339	vah v	rg G	. 1. 1. 1	цуз	85	GIII	GIU	Ar 9	цуз	90	цур	шси	Olu	vai	95	110		
	Gly A	an G	17.11	Gln.		Acn	V-1	Glu	Thr		Glu	Glu	Ser	Δan		Pro	,	
342	GIY A	ചൂ ദ	ıια	100	DCI	POII	val	U L U	105	Ar 9	Ciu	CIU	JCI	110	- Lu			
	Lys A	ra I	.VC		Δla	Lvc	Δla	Glv		Gln	Asn	Pro	Lvs		Leu	His		
347	TIO N	-	15	-10	u	_15		120	-,5	Ųı		0	125	-,,	~			
	Cys G			Leu	Lvc	Lve	Val		Glu	Ala	Ser	Asp		Val	Lev	Glu		
351	_	30	- u	u	د بر ــ	-y 5	135		JIU	u		140						
	Val L		sn	Ala	Ara	Asp		Leu	Glv	Cvs	Ara		Pro	Gln	Ile	Glu		
	145	-u A		u	**** 9	150	-10	Lou	~-1	C <sub>I</sub> S	155	J, J				160		
223	エモン					100					100							

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/530,340

DATE: 04/13/2005 TIME: 09:40:13

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	Leu	Asn	Lys 195		Leu	Pro	Thr	Val 200		Phe	Lys	Ala	Ser 205		Asn	Leu
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371 374	Gln	210 Ser	Lys	Ile	Cys			Lys	Glu	Ala			Lys	Leu	Leu	
375		_			_	230		_	_		235		~7	T	<b>-1</b> -	240
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	Pne	Pro	ASII	260	GIY	ьўя	ser	ser	265	116	ASII	per	пеп	270	GIII	Giu
383	Trn	Ile	Cve		บลไ	G] v	Tle	Ser		Glv	Len	Thr	Ara		Met.	Gln
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415		77-	0	(T)	7	390	Com	T 0	TT i a	Dho	395	C1.,	7 an	Tlo	۸la	
	Pro	Ala	ser	пр	405	HIS	ser	ьеи	птр	410	ASII	GIU	ASII	116	415	AIA
419	1727	Met	Lare	Lare		Dhe	Δen	T.011	Glu		T.e.u	Glu	Lvs	Asn		Δla
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439					485					490					495	
442	Pro	Val	Glu	Glu	Thr	Arg	Glu	Leu	Ser	Pro	Glu	Gln	Ser	Thr	Ala	Gly
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	Glu	Thr	Tyr	Asp	Phe	Thr		_	Tyr	Ile						
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454	<21	0 > S	FQ II	טא ט	: 5											

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/13/2005 PATENT APPLICATION: US/10/530,340 TIME: 09:40:14

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\04132005\J530340.raw

## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/530,340

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Input Set : A:\Sequence Listing.txt Output Set: N:\CRF4\04132005\J530340.raw

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